## Study of interior design and topology to use space in contemporary home

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## Abstract:

Studying function in designing modern homes has become a must. This is because of Contemporary housing conditions in Small spaces for youth.

By the appearance of small spaces, it has become a must to cope with the frequent changes of daily life. The function in designing modern home is a result of technological development. So, it gives larger space in home. It is possible to turn residential space according to the user needs. As a result, it allows some usage for small spaces to reshape spaces with changing time per day depending on the activity. Moreover, it is necessary to make it easy to change the design shape and its function to suit the future needs of the users.

The importance of this interior design is shown in how it turns small spaces into multipurpose spaces. It also keep this smart home an economical one to simulate all the classes in the society. This is by design processing whether in interior design in spaces or design in furniture using technology and sustainable materials.

**The research problem:** The problem lies in making sure of the possibility to use small spaces and the perfect solution to the interior design, holes design, flooring interior design and furniture design according to the small spaces in contemporary homes.

**The research Target:** The target is to test and turn small spaces in contemporary home to multipurpose spaces and design innovations. It also aims to create new ideas in interior design and furniture by sustainable technological ways and smart design treatments of the interior spaces.

-Theoretical research results and recommendations.

## Key words:

Design processors – Design – contemporary home.